

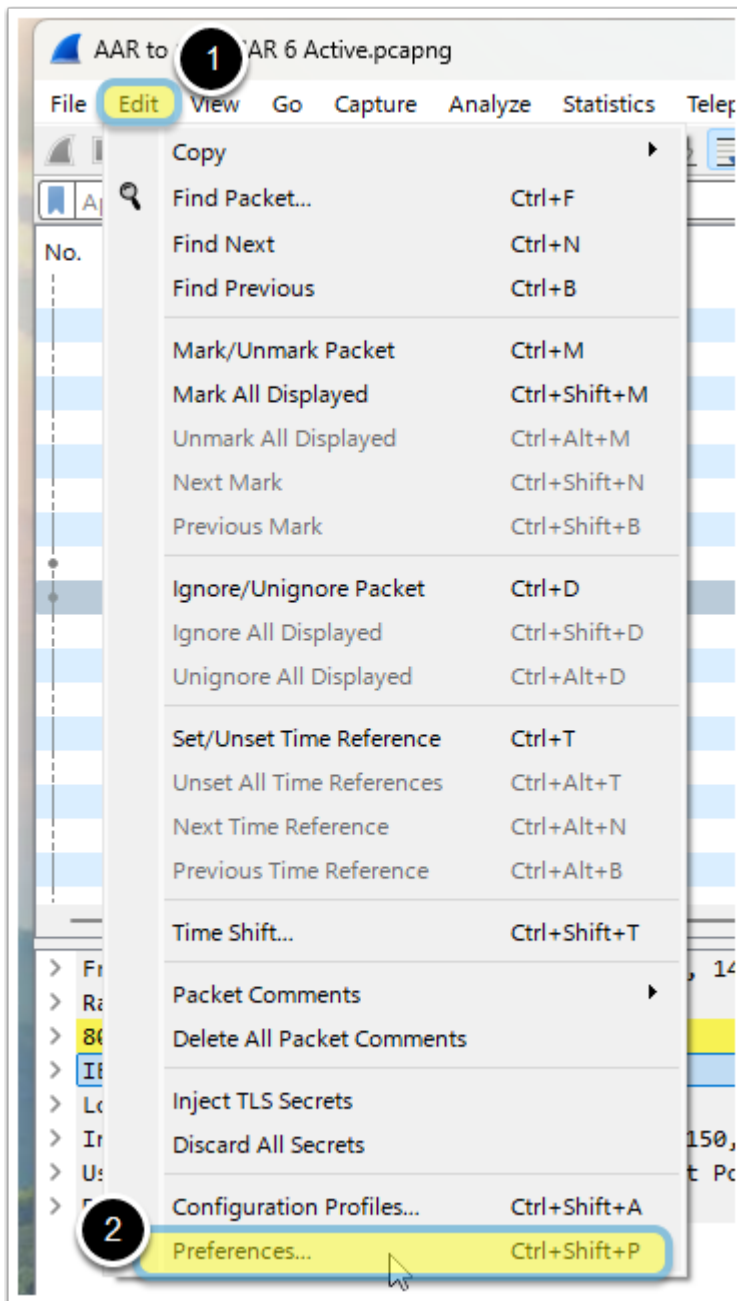
## How to configure Wireshark to show WLAN packet captures from HiLCOS correctly

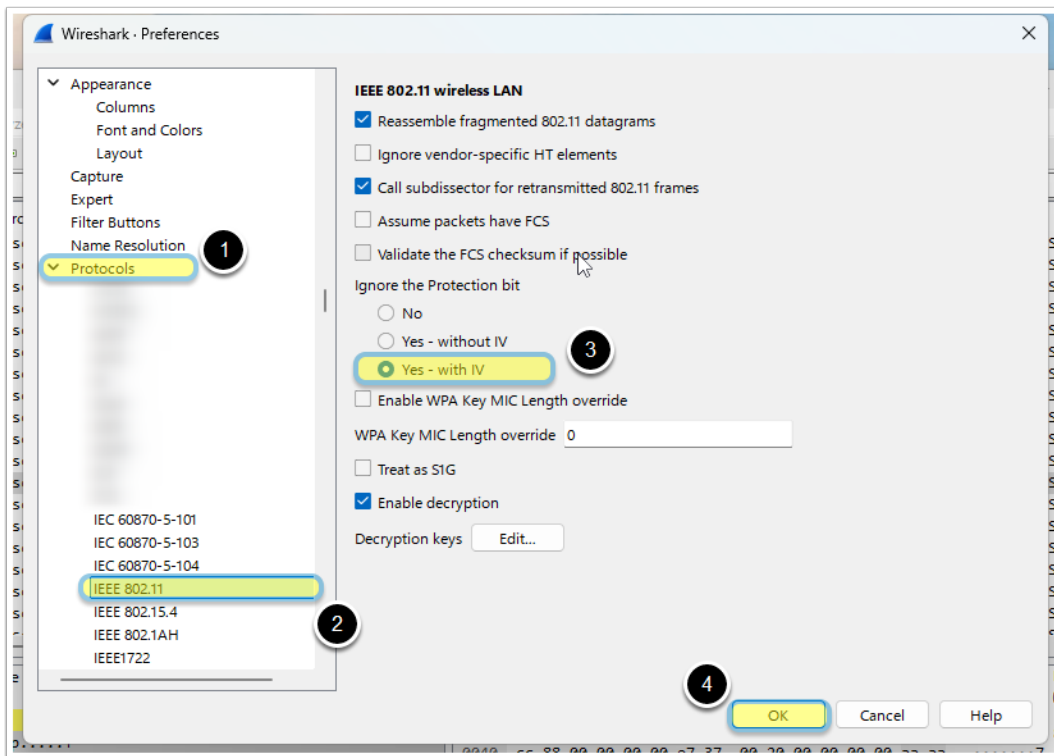
Friedrich Haussmann - 2024-08-09 - BAT, WLC (HiLCOS)

If your wireshark capture files only display raw Data instead of dissected protocols, like in this example:

```
> Frame 125912: 146 bytes on wire (1168 bits), 146 bytes captured (1168 bits) on  
> Radiotap Header v0, Length 44  
> 802.11 radio information  
> IEEE 802.11 QoS Data, Flags: .p.....T  
> Data (68 bytes)
```

Then you might need to change this setting in Wireshark under “Edit / Preferences”:





Turn on the "Ignore the Protection bit" setting "Yes - with IV".

Afterwards the normal dissectors should be working again:

```
> Frame 125919: 1586 bytes on wire (12688 bits), 1586 bytes captured (12688 bits) on interface 0  
> Radiotap Header v0, Length 44  
> 802.11 radio information  
> IEEE 802.11 QoS Data, Flags: .p....T  
> Logical-Link Control  
> Internet Protocol Version 4, Src: 10.128.7.150, Dst: 10.52.96.225  
> Data (1480 bytes)
```